

LABORATORY REPORT

Prepared For: GPL Laboratories
7210-A Corporate Court
Frederick, MD 21703
Attention: Tim Mikesell

Project: Omega Chemical OU-2 SSID-BC
335392.FI.01

Sampled: 11/07/06
Received: 11/07/06
Issued: 11/20/06 17:00

NELAP #01108CA California ELAP#1197 CSDLAC #10256

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

| LABORATORY ID | CLIENT ID | MATRIX |
|---------------|-------------------|--------|
| IPK0785-01 | OC2-MW606-W-0-264 | Water |
| IPK0785-02 | OC2-MW605-W-0-265 | Water |
| IPK0785-03 | OC2-MW603-W-0-266 | Water |

Reviewed By:



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Diane Suzuki
Project Manager

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Project ID: Omega Chemical OU-2 SSID-BC
335392.F1.01
Report Number: IPK0785

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SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

| Analyte | Method | Batch | MDL Limit | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|--|------------------|---------|--------------|--------------------|------------------|--------------------|-------------------|------------------|--------------------|
| Sample ID: IPK0785-01 (OC2-MW606-W-0-264 - Water) | | | | | | | | | |
| Reporting Units: ug/l | | | | | | | | | |
| N-Nitrosodimethylamine | EPA 1625C-CI Mod | 6K12038 | 0.00039 | 0.0020 | 0.00042 | 0.98 | 11/12/06 | 11/15/06 | J |
| Sample ID: IPK0785-02 (OC2-MW605-W-0-265 - Water) | | | | | | | | | |
| Reporting Units: ug/l | | | | | | | | | |
| N-Nitrosodimethylamine | EPA 1625C-CI Mod | 6K12038 | 0.00038 | 0.0019 | ND | 0.943 | 11/12/06 | 11/15/06 | |
| Sample ID: IPK0785-03 (OC2-MW603-W-0-266 - Water) | | | | | | | | | |
| Reporting Units: ug/l | | | | | | | | | |
| N-Nitrosodimethylamine | EPA 1625C-CI Mod | 6K12038 | 0.00038 | 0.0019 | ND | 0.943 | 11/12/06 | 11/15/06 | |

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INORGANICS

| Analyte | Method | Batch | MDL Limit | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|--|-----------|---------|--------------|--------------------|------------------|--------------------|-------------------|------------------|--------------------|
| Sample ID: IPK0785-01 (OC2-MW606-W-0-264 - Water) | | | | | | | | | |
| Reporting Units: mg/l | | | | | | | | | |
| Chromium VI | EPA 218.6 | 6K07100 | 0.00020 | 0.00030 | 0.0031 | 1 | 11/07/06 | 11/07/06 | |
| Sample ID: IPK0785-02 (OC2-MW605-W-0-265 - Water) | | | | | | | | | |
| Reporting Units: mg/l | | | | | | | | | |
| Chromium VI | EPA 218.6 | 6K07100 | 0.00020 | 0.00030 | ND | 1 | 11/07/06 | 11/07/06 | |
| Sample ID: IPK0785-03 (OC2-MW603-W-0-266 - Water) | | | | | | | | | |
| Reporting Units: mg/l | | | | | | | | | |
| Chromium VI | EPA 218.6 | 6K07100 | 0.00020 | 0.00030 | ND | 1 | 11/07/06 | 11/07/06 | |

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CDHS SRL 524 MODIFIED METHOD FOR 1,2,3-TRICHLOROPROPANE PT/GCMS

| Analyte | Method | Batch | MDL Limit | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|--|--------------|---------|--------------|--------------------|------------------|--------------------|-------------------|------------------|--------------------|
| Sample ID: IPK0785-01 (OC2-MW606-W-0-264 - Water) | | | | | | | | | |
| Reporting Units: ng/L | | | | | | | | | |
| 1,2,3-Trichloropropane (123-TCP) | SRL 524M-TCP | C6K1602 | N/A | 5.0 | ND | 1 | 11/16/06 | 11/16/06 | |
| Sample ID: IPK0785-02 (OC2-MW605-W-0-265 - Water) | | | | | | | | | |
| Reporting Units: ng/L | | | | | | | | | |
| 1,2,3-Trichloropropane (123-TCP) | SRL 524M-TCP | C6K1602 | N/A | 5.0 | ND | 1 | 11/16/06 | 11/16/06 | |
| Sample ID: IPK0785-03 (OC2-MW603-W-0-266 - Water) | | | | | | | | | |
| Reporting Units: ng/L | | | | | | | | | |
| 1,2,3-Trichloropropane (123-TCP) | SRL 524M-TCP | C6K1602 | N/A | 5.0 | ND | 1 | 11/16/06 | 11/16/06 | |

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SHORT HOLD TIME DETAIL REPORT

| | Hold Time (in days) | Date/Time Sampled | Date/Time Received | Date/Time Extracted | Date/Time Analyzed |
|--|------------------------|----------------------|-----------------------|------------------------|-----------------------|
| Sample ID: OC2-MW606-W-0-264 (IPK0785-01) - Water | | | | | |
| EPA 218.6 | 1 | 11/07/2006 09:50 | 11/07/2006 20:30 | 11/07/2006 19:30 | 11/07/2006 23:33 |
| Sample ID: OC2-MW605-W-0-265 (IPK0785-02) - Water | | | | | |
| EPA 218.6 | 1 | 11/07/2006 12:45 | 11/07/2006 20:30 | 11/07/2006 19:30 | 11/07/2006 23:44 |
| Sample ID: OC2-MW603-W-0-266 (IPK0785-03) - Water | | | | | |
| EPA 218.6 | 1 | 11/07/2006 14:35 | 11/07/2006 20:30 | 11/07/2006 19:30 | 11/07/2006 23:55 |

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METHOD BLANK/QC DATA

SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

| Analyte | Result | Reporting Limit | MDL | Units | Spike Level | Source Result | %REC | Limits | RPD | RPD Limit | Data Qualifiers |
|---|----------|--------------------|---------|-------|----------------|---------------------------|------|--------|-----|--------------|--------------------|
| Batch: 6K12038 Extracted: 11/12/06 | | | | | | | | | | | |
| Blank Analyzed: 11/14/2006 (6K12038-BLK1) | | | | | | | | | | | |
| N-Nitrosodimethylamine | 0.000530 | 0.0020 | 0.00040 | ug/l | | | | | | | J |
| LCS Analyzed: 11/14/2006 (6K12038-BS1) | | | | | | | | | | | |
| N-Nitrosodimethylamine | 0.00857 | 0.0020 | 0.00040 | ug/l | 0.0100 | | 86 | 60-140 | | | |
| LCS Analyzed: 11/14/2006 (6K12038-BS2) | | | | | | | | | | | |
| N-Nitrosodimethylamine | 0.00207 | 0.0020 | 0.00040 | ug/l | 0.00200 | | 104 | 60-140 | | | |
| Matrix Spike Analyzed: 11/14/2006 (6K12038-MS1) | | | | | | Source: IPK0962-02 | | | | | |
| N-Nitrosodimethylamine | 0.00794 | 0.0020 | 0.00040 | ug/l | 0.0100 | ND | 79 | 50-130 | | | |
| Matrix Spike Dup Analyzed: 11/14/2006 (6K12038-MSD1) | | | | | | Source: IPK0962-02 | | | | | |
| N-Nitrosodimethylamine | 0.00792 | 0.0019 | 0.00039 | ug/l | 0.00971 | ND | 82 | 50-130 | 0 | 30 | |

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METHOD BLANK/QC DATA

INORGANICS

| Analyte | Result | Reporting Limit | MDL | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|--------|--------------------|---------|-------|----------------|------------------|----------------|--------|--------------|--------------------|
| Batch: 6K07100 Extracted: 11/07/06 | | | | | | | | | | |
| Blank Analyzed: 11/07/2006 (6K07100-BLK1) | | | | | | | | | | |
| Chromium VI | ND | 0.00030 | 0.00020 | mg/l | | | | | | |
| LCS Analyzed: 11/07/2006 (6K07100-BS1) | | | | | | | | | | |
| Chromium VI | 0.0489 | 0.00030 | 0.00020 | mg/l | 0.0500 | | 98 | 90-110 | | |
| Matrix Spike Analyzed: 11/07/2006 (6K07100-MS1) | | | | | | | | | | |
| Chromium VI | 0.106 | 0.0015 | 0.0010 | mg/l | 0.0500 | 0.058 | 96 | 90-110 | | |
| Matrix Spike Dup Analyzed: 11/07/2006 (6K07100-MSD1) | | | | | | | | | | |
| Chromium VI | 0.107 | 0.0015 | 0.0010 | mg/l | 0.0500 | 0.058 | 98 | 90-110 | 1 | 10 |

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METHOD BLANK/QC DATA

CDHS SRL 524 MODIFIED METHOD FOR 1,2,3-TRICHLOROPROPANE PT/GCMS

| Analyte | Result | Reporting Limit | MDL | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|--------|--------------------|-----|-------|----------------|------------------|----------------|-----|--------------|--------------------|
| Batch: C6K1602 Extracted: 11/16/06 | | | | | | | | | | |
| Blank Analyzed: 11/16/2006 (C6K1602-BLK1) | | | | | | | | | | |
| 1,2,3-Trichloropropane (123-TCP) | ND | 5.0 | N/A | ng/L | | | | | | |
| LCS Analyzed: 11/16/2006 (C6K1602-BS1) | | | | | | | | | | |
| 1,2,3-Trichloropropane (123-TCP) | 4.69 | 5.0 | N/A | ng/L | 5.00 | | 94 80-120 | | | |
| Matrix Spike Analyzed: 11/16/2006 (C6K1602-MS1) | | | | | | | | | | |
| 1,2,3-Trichloropropane (123-TCP) | 75.0 | 5.0 | N/A | ng/L | 50.0 | ND | 150 80-120 | | | MI |
| Matrix Spike Dup Analyzed: 11/16/2006 (C6K1602-MSD1) | | | | | | | | | | |
| 1,2,3-Trichloropropane (123-TCP) | 73.9 | 5.0 | N/A | ng/L | 50.0 | ND | 148 80-120 | 1 | 20 | MI |

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DATA QUALIFIERS AND DEFINITIONS

| | |
|------------|--|
| J | Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability. |
| M1 | The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS). |
| ND | Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified. |
| RPD | Relative Percent Difference |

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Certification Summary

TestAmerica - Irvine, CA

| Method | Matrix | Nelac | California |
|------------------|--------|-------|------------|
| EDD + Level 4 | Water | | |
| EPA 1625C-CI Mod | Water | | |
| EPA 218.6 | Water | N/A | X |
| EPA 524.2 Mod | Water | | |

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

Subcontracted Laboratories

TestAmerica - Ontario, CA *California Cert #1169, Arizona Cert #AZ0062, Nevada Cert #CA-242*

1014 E. Cooley Drive, Suite AB - Colton, CA 92324

Method Performed: SRL 524M-TCP

Samples: IPK0785-01, IPK0785-02, IPK0785-03

TestAmerica - Irvine, CA

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